

MXR SERIES

105°C Standard, Snap-in Terminal Type

◆FEATURES

- Load Life : 105°C 3000 hours.
- Smaller size with higher ripple current endurance than MXP series.



◆SPECIFICATIONS

| Items | Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---------|---------|------|------|------|------|------|-------------|---------|--|--------------------|-----------------------------------|--------------------|--|-----------------|------------------------------------|----|----|----------------|---------|---------|-------|------|------|------|------|------|------|------|------|------|------|
| Category Temperature Range | -40~+105℃ | | | | | | | | -25~+105℃ | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated Voltage Range | 10~100V.DC | | | | | | | | 160~450V.DC | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacitance Tolerance | ±20% (20℃, 120Hz) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current(MAX) | I=3√CV (After 5 minutes application of rated voltage) I=Leakage Current(μ A) V=Rated Voltage(V) C=Rated Capacitance(μ F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissipation Factor(MAX) | <table border="1"><tr><td>Rated Voltage(V)</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>80</td><td>100</td><td>160~250</td><td>315~450</td></tr><tr><td>tan δ</td><td>0.55</td><td>0.50</td><td>0.45</td><td>0.40</td><td>0.35</td><td>0.30</td><td>0.25</td><td>0.20</td><td>0.15</td><td>0.15</td></tr></table> (20℃, 120Hz) | | | | | | | | | | | Rated Voltage(V) | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 160~250 | 315~450 | tan δ | 0.55 | 0.50 | 0.45 | 0.40 | 0.35 | 0.30 | 0.25 | 0.20 | 0.15 | 0.15 |
| Rated Voltage(V) | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 160~250 | 315~450 | | | | | | | | | | | | | | | | | | | | | | | |
| tan δ | 0.55 | 0.50 | 0.45 | 0.40 | 0.35 | 0.30 | 0.25 | 0.20 | 0.15 | 0.15 | | | | | | | | | | | | | | | | | | | | | | | |
| Impedance Ratio(MAX) | <table border="1"><tr><td>Rated Voltage(V)</td><td>10~100</td><td>160~250</td><td>315~450</td></tr><tr><td>Z(-25℃)/Z(20℃)</td><td>3</td><td>3</td><td>8</td></tr><tr><td>Z(-40℃)/Z(20℃)</td><td>12</td><td></td><td></td></tr></table> (120Hz) | | | | | | | | | | | Rated Voltage(V) | 10~100 | 160~250 | 315~450 | Z(-25℃)/Z(20℃) | 3 | 3 | 8 | Z(-40℃)/Z(20℃) | 12 | | | | | | | | | | | | |
| Rated Voltage(V) | 10~100 | 160~250 | 315~450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z(-25℃)/Z(20℃) | 3 | 3 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z(-40℃)/Z(20℃) | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endurance | After applying rated voltage with rated ripple current for 3000hrs at 105℃, the capacitors shall meet the following requirements. <table border="1"><tr><td>Capacitance Change</td><td>Within ±20% of the initial value.</td></tr><tr><td>Dissipation Factor</td><td>Not more than 200% of the specified value.</td></tr><tr><td>Leakage Current</td><td>Not more than the specified value.</td></tr></table> | | | | | | | | | | | Capacitance Change | Within ±20% of the initial value. | Dissipation Factor | Not more than 200% of the specified value. | Leakage Current | Not more than the specified value. | | | | | | | | | | | | | | | | |
| Capacitance Change | Within ±20% of the initial value. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissipation Factor | Not more than 200% of the specified value. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current | Not more than the specified value. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

| Frequency (Hz) | | 60(50) | 120 | 500 | 1k | 10k≤ |
|----------------|-----------|--------|------|------|------|------|
| Coefficient | 10~100WV | 0.90 | 1.00 | 1.05 | 1.10 | 1.15 |
| | 160~250WV | 0.80 | 1.00 | 1.10 | 1.14 | 1.18 |
| | 315~450WV | 0.80 | 1.00 | 1.05 | 1.10 | 1.15 |

◆PART NUMBER

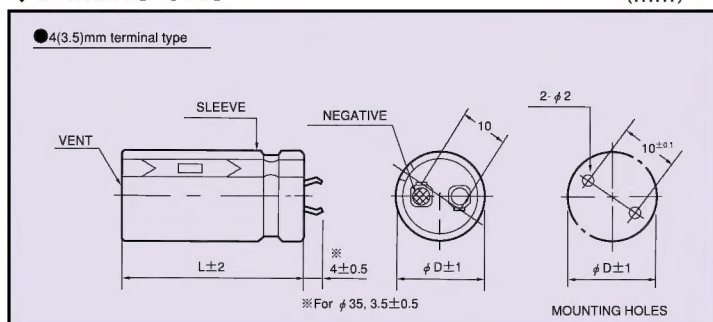
□□□ **MXR** □□□□□ □ **OOE** □□ **D×L**
 Rated Voltage Series Rated Capacitance Capacitance Tolerance Option Terminal Code Case Size

◆Option

| | Code |
|---------------|-------|
| without plate | OOE |
| with plate | Blank |

◆DIMENSIONS

(mm)



◆STANDARD SIZE, RATED RIPPLE CURRENT

| Cap (μF) | WV φD | 10 | | | | | 16 | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|-------------|-------------|-------------|-------------|-------------|
| | | φ 20 | φ 22 | φ 25 | φ 30 | φ 35 | φ 20 | φ 22 | φ 25 | φ 30 | φ 35 |
| 5600 | | | | | | | 20×25; 1.68 | | | | |
| 6800 | 20×25; 1.31 | | | | | | 20×30; 1.80 | 22×25; 1.75 | | | |
| 8200 | 20×30; 1.59 | | | | | | 20×35; 2.08 | 22×30; 2.00 | | | |
| 10000 | 20×30; 1.88 | 22×25; 1.77 | | | | | 20×40; 2.15 | 22×30; 2.10 | 25×25; 2.05 | | |
| 12000 | 20×35; 2.18 | 22×30; 2.10 | 25×25; 1.94 | | | | | 22×35; 2.31 | 25×30; 2.30 | 30×25; 2.30 | |
| 15000 | 20×40; 2.27 | 22×35; 2.23 | 25×30; 2.10 | | | | | 22×40; 2.68 | 25×35; 2.58 | 30×30; 2.57 | |
| 18000 | | 22×40; 2.41 | 25×30; 2.34 | 30×25; 2.25 | | | | 22×50; 3.20 | 25×40; 3.16 | 30×30; 2.98 | |
| 22000 | | 22×45; 2.58 | 25×35; 2.54 | 30×30; 2.50 | | | | | 25×45; 3.36 | 30×35; 3.30 | 35×30; 3.25 |
| 27000 | | 22×50; 3.17 | 25×40; 3.07 | 30×30; 2.95 | | | | | 25×50; 3.85 | 30×40; 3.80 | 35×35; 3.93 |
| 33000 | | | 25×45; 3.39 | 30×35; 3.33 | 35×30; 3.21 | | | | | 30×45; 4.30 | 35×35; 4.27 |
| 39000 | | | | 30×40; 3.70 | 35×35; 3.68 | | | | | 30×50; 4.81 | 35×40; 4.80 |
| 47000 | | | | 30×45; 4.22 | 35×40; 4.16 | | | | | | 35×45; 5.53 |
| 56000 | | | | | 35×45; 5.00 | | | | | | |

| Cap (μF) | WV φD | 25 | | | | | 35 | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|-------------|-------------|-------------|-------------|-------------|
| | | φ 20 | φ 22 | φ 25 | φ 30 | φ 35 | φ 20 | φ 22 | φ 25 | φ 30 | φ 35 |
| 2700 | | | | | | | 20×25; 1.29 | | | | |
| 3300 | | | | | | | 20×30; 1.57 | 22×25; 1.45 | | | |
| 3900 | 20×25; 1.58 | | | | | | 20×35; 1.78 | 22×30; 1.69 | | | |
| 4700 | 20×30; 1.65 | 22×25; 1.61 | | | | | 20×40; 2.02 | 22×35; 2.02 | 25×25; 1.62 | | |
| 5600 | 20×35; 1.85 | 22×30; 1.80 | | | | | | 22×35; 2.13 | 25×30; 2.00 | | |
| 6800 | 20×40; 2.11 | 22×35; 2.09 | 25×25; 1.87 | | | | | 22×40; 2.41 | 25×35; 2.31 | 30×25; 2.31 | |
| 8200 | | 22×40; 2.31 | 25×30; 2.34 | 30×25; 2.16 | | | | 22×50; 2.85 | 25×40; 2.73 | 30×30; 2.75 | |
| 10000 | | 22×45; 2.65 | 25×35; 2.61 | 30×30; 2.61 | | | | | 25×45; 3.05 | 30×35; 3.05 | |
| 12000 | | 22×50; 2.80 | 25×40; 2.81 | 30×30; 2.74 | | | | | 25×50; 3.37 | 30×40; 3.23 | 35×30; 3.19 |
| 15000 | | | 25×45; 3.27 | 30×35; 3.13 | 35×30; 3.26 | | | | | 30×45; 3.72 | 35×35; 3.67 |
| 18000 | | | | 30×40; 3.56 | 35×35; 3.84 | | | | | | 35×40; 4.37 |
| 22000 | | | | 30×45; 4.04 | 35×35; 3.75 | | | | | | 35×45; 4.92 |
| 27000 | | | | | 35×45; 4.74 | | | | | | |
| 33000 | | | | | 35×50; 5.50 | | | | | | |

| Cap (μF) | WV φD | 50 | | | | | 63 | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|-------------|-------------|-------------|-------------|-------------|
| | | φ 20 | φ 22 | φ 25 | φ 30 | φ 35 | φ 20 | φ 22 | φ 25 | φ 30 | φ 35 |
| 1000 | | | | | | | 20×25; 1.10 | | | | |
| 1200 | | | | | | | 20×30; 1.20 | 22×25; 1.20 | | | |
| 1500 | 20×25; 1.15 | | | | | | 20×35; 1.47 | 22×30; 1.47 | | | |
| 1800 | 20×30; 1.39 | 22×25; 1.34 | | | | | 20×35; 1.58 | 22×30; 1.58 | 25×25; 1.52 | | |
| 2200 | 20×35; 1.60 | 22×30; 1.60 | | | | | 20×40; 1.80 | 22×35; 1.82 | 25×30; 1.75 | | |
| 2700 | 20×35; 1.73 | 22×30; 1.70 | 25×25; 1.70 | | | | | 22×40; 2.07 | 25×35; 2.11 | 30×25; 1.72 | |
| 3300 | 20×40; 1.97 | 22×35; 1.97 | 25×30; 1.88 | | | | | 22×45; 2.33 | 25×35; 2.27 | 30×30; 2.24 | |
| 3900 | | 22×40; 2.22 | 25×30; 2.20 | 30×25; 1.95 | | | | | 25×40; 2.51 | 30×35; 2.55 | |
| 4700 | | 22×45; 2.43 | 25×35; 2.43 | 30×30; 2.25 | | | | | 25×50; 2.97 | 30×40; 2.86 | 35×30; 2.80 |
| 5600 | | 22×50; 2.75 | 25×40; 2.72 | 30×30; 2.64 | | | | | | 30×40; 3.22 | 35×35; 3.20 |
| 6800 | | | 25×45; 3.30 | 30×35; 3.30 | 35×30; 3.25 | | | | | 30×50; 3.65 | 35×40; 3.65 |
| 8200 | | | | 30×40; 3.60 | 35×35; 3.60 | | | | | | 35×45; 4.04 |
| 10000 | | | | 30×50; 4.05 | 35×40; 4.04 | | | | | | 35×50; 4.48 |
| 12000 | | | | | 35×45; 4.56 | | | | | | |
| 15000 | | | | | 35×50; 4.77 | | | | | | |

↑ Ripple Current A r.m.s./120Hz-105°C
↑ Case Size φ D^{±1} × L^{±2} (mm)

◆ STANDARD SIZE, RATED RIPPLE CURRENT

| Cap (μ F) | WV ϕ D | 80 | | | | | 100 | | | | |
|-------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 |
| 560 | | | | | | | 20×25: 0.95 | | | | |
| 680 | | | | | | | 20×30: 1.15 | 22×25: 1.09 | | | |
| 820 | | 20×25: 1.04 | | | | | 20×35: 1.31 | 22×30: 1.32 | | | |
| 1000 | | 20×30: 1.24 | 22×25: 1.19 | | | | 20×35: 1.43 | 22×30: 1.47 | 25×25: 1.45 | | |
| 1200 | | 20×35: 1.43 | 22×30: 1.44 | | | | 20×40: 1.61 | 22×35: 1.69 | 25×30: 1.68 | | |
| 1500 | | 20×35: 1.57 | 22×30: 1.59 | 25×25: 1.59 | | | | 22×40: 1.97 | 25×35: 1.98 | 30×25: 1.95 | |
| 1800 | | 20×40: 1.77 | 22×35: 1.79 | 25×30: 1.71 | | | | 22×45: 2.23 | 25×40: 2.20 | 30×30: 2.20 | |
| 2200 | | | 22×40: 2.03 | 25×35: 1.98 | 30×25: 1.98 | | | | 25×45: 2.53 | 30×35: 2.55 | 35×30: 2.50 |
| 2700 | | | 22×45: 2.39 | 25×40: 2.35 | 30×30: 2.35 | | | | 25×50: 2.82 | 30×40: 2.86 | 35×35: 2.89 |
| 3300 | | | | 25×45: 2.64 | 30×35: 2.61 | 35×30: 2.47 | | | | 30×45: 3.30 | 35×35: 3.25 |
| 3900 | | | | 25×50: 2.92 | 30×40: 2.82 | 35×30: 2.97 | | | | 30×50: 3.60 | 35×40: 3.67 |
| 4700 | | | | | 30×45: 3.34 | 35×35: 3.38 | | | | | 35×45: 3.80 |
| 5600 | | | | | 30×50: 3.80 | 35×40: 3.80 | | | | | 35×50: 4.05 |
| 6800 | | | | | | 35×45: 3.90 | | | | | |
| 8200 | | | | | | 35×50: 4.20 | | | | | |

| Cap (μ F) | WV ϕ D | 160 | | | | | 180 | | | | |
|-------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 |
| 220 | | | | | | | 20×25: 0.81 | | | | |
| 270 | | 20×25: 0.87 | | | | | 20×30: 0.95 | 22×25: 0.97 | | | |
| 330 | | 20×30: 1.02 | 22×25: 1.03 | | | | 20×35: 1.09 | 22×30: 1.13 | | | |
| 390 | | 20×35: 1.15 | 22×30: 1.17 | | | | 20×35: 1.28 | 22×30: 1.32 | 25×25: 1.33 | | |
| 470 | | 20×40: 1.25 | 22×30: 1.28 | 25×25: 1.29 | | | 20×40: 1.34 | 22×35: 1.39 | 25×30: 1.43 | | |
| 560 | | | 22×35: 1.45 | 25×30: 1.49 | | | | 22×40: 1.56 | 25×30: 1.53 | 30×25: 1.56 | |
| 680 | | | 22×40: 1.64 | 25×35: 1.70 | 30×25: 1.63 | | | 22×45: 1.76 | 25×35: 1.76 | 30×30: 1.74 | |
| 820 | | | 22×45: 1.85 | 25×40: 1.92 | 30×30: 1.91 | | | 22×50: 1.97 | 25×40: 1.99 | 30×30: 1.93 | |
| 1000 | | | | 25×45: 2.17 | 30×35: 2.19 | | | | 25×45: 2.24 | 30×35: 2.24 | 35×30: 2.20 |
| 1200 | | | | 25×50: 2.43 | 30×40: 2.48 | 35×30: 2.25 | | | | 30×40: 2.53 | 35×35: 2.54 |
| 1500 | | | | | 30×45: 2.82 | 35×35: 2.62 | | | | 30×50: 3.03 | 35×40: 2.91 |
| 1800 | | | | | 30×50: 3.13 | 35×40: 2.97 | | | | | 35×45: 3.25 |
| 2200 | | | | | | 35×45: 3.34 | | | | | 35×50: 3.62 |

| Cap (μ F) | WV ϕ D | 200 | | | | | 220 | | | | |
|-------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 |
| 180 | | | | | | | 20×25: 0.81 | | | | |
| 220 | | 20×25: 0.83 | | | | | 20×30: 0.94 | 22×25: 0.94 | | | |
| 270 | | 20×30: 0.97 | 22×25: 0.99 | | | | 20×35: 1.10 | 22×30: 1.09 | | | |
| 330 | | 20×35: 1.17 | 22×30: 1.20 | 25×25: 1.20 | | | 20×40: 1.18 | 22×35: 1.24 | 25×25: 1.14 | | |
| 390 | | 20×40: 1.27 | 22×35: 1.30 | 25×30: 1.34 | | | 20×45: 1.33 | 22×35: 1.30 | 25×25: 1.26 | | |
| 470 | | | 22×40: 1.44 | 25×30: 1.44 | 30×25: 1.48 | | | 22×40: 1.41 | 25×30: 1.39 | 30×25: 1.37 | |
| 560 | | | 22×45: 1.60 | 25×35: 1.60 | 30×30: 1.60 | | | 22×45: 1.60 | 25×35: 1.56 | 30×30: 1.61 | 35×25: 1.52 |
| 680 | | | 22×50: 1.75 | 25×40: 1.76 | 30×30: 1.74 | | | | 25×40: 1.75 | 30×35: 1.76 | 35×30: 1.72 |
| 820 | | | | 25×45: 2.10 | 30×35: 2.11 | 35×30: 2.10 | | | 25×45: 1.97 | 30×40: 2.06 | 35×30: 1.95 |
| 1000 | | | | 25×50: 2.36 | 30×40: 2.40 | 35×35: 2.30 | | | | 30×45: 2.44 | 35×35: 2.20 |
| 1200 | | | | | 30×45: 2.69 | 35×35: 2.53 | | | | | 35×40: 2.37 |
| 1500 | | | | | | 35×40: 2.97 | | | | | 35×45: 2.64 |
| 1800 | | | | | | 35×50: 3.45 | | | | | |

| Cap (μ F) | WV ϕ D | 250 | | | | | 315 | | | | |
|-------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 |
| 82 | | | | | | | 20×25: 0.39 | | | | |
| 100 | | | | | | | 20×30: 0.45 | | | | |
| 120 | | | | | | | 20×30: 0.54 | 22×25: 0.56 | | | |
| 150 | | 20×25: 0.71 | | | | | 20×35: 0.64 | 22×30: 0.66 | 25×25: 0.65 | | |
| 180 | | 20×30: 0.82 | 22×25: 0.84 | | | | 20×40: 0.75 | 22×35: 0.78 | 25×30: 0.71 | | |
| 220 | | 20×35: 0.95 | 22×30: 0.97 | 25×25: 0.99 | | | | 22×40: 0.89 | 25×30: 0.85 | 30×25: 0.83 | |
| 270 | | 20×40: 1.08 | 22×35: 1.11 | 25×30: 1.15 | | | | 22×45: 1.01 | 25×35: 0.98 | 30×30: 1.01 | |
| 330 | | | 22×40: 1.26 | 25×30: 1.26 | 30×25: 1.31 | | | 22×50: 1.14 | 25×40: 1.12 | 30×35: 1.21 | |
| 390 | | | 22×45: 1.41 | 25×35: 1.42 | 30×30: 1.50 | | | | 25×45: 1.31 | 30×35: 1.30 | 35×30: 1.23 |
| 470 | | | 22×50: 1.58 | 25×40: 1.61 | 30×30: 1.61 | | | | | 30×40: 1.53 | 35×35: 1.47 |
| 560 | | | | 25×45: 1.80 | 30×35: 1.84 | | | | | 30×45: 1.65 | 35×40: 1.66 |
| 680 | | | | 25×50: 2.03 | 30×40: 2.09 | 35×30: 1.96 | | | | | 35×45: 1.96 |
| 820 | | | | | 30×45: 2.35 | 35×35: 2.26 | | | | | 35×50: 2.19 |
| 1000 | | | | | 30×50: 2.64 | 35×40: 2.57 | | | | | |
| 1200 | | | | | | 35×45: 2.88 | | | | | |

↑ Ripple Current A r.m.s./120Hz·105°C
Case Size ϕ D $^{+1}$ ×L $^{+2}$ (mm)

◆STANDARD SIZE, RATED RIPPLE CURRENT

| Cap (μ F) | WV ϕ D | 350 | | | | | 385 | | | | |
|-------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 |
| 56 | | | | | | | 20×25: 0.37 | | | | |
| 68 | | 20×25: 0.41 | | | | | 20×30: 0.44 | 22×25: 0.45 | | | |
| 82 | | 20×30: 0.45 | | | | | 20×30: 0.50 | 22×30: 0.52 | | | |
| 100 | | 20×30: 0.51 | 22×25: 0.53 | | | | 20×35: 0.56 | 22×30: 0.58 | 25×25: 0.57 | | |
| 120 | | 20×35: 0.59 | 22×30: 0.61 | 25×25: 0.62 | | | 20×40: 0.66 | 22×35: 0.68 | 25×30: 0.68 | | |
| 150 | | 20×40: 0.70 | 22×35: 0.73 | 25×30: 0.73 | | | | 22×40: 0.79 | 25×30: 0.78 | 30×25: 0.75 | |
| 180 | | | 22×40: 0.83 | 25×30: 0.80 | 30×25: 0.81 | | | 22×45: 0.89 | 25×35: 0.86 | 30×30: 0.88 | |
| 220 | | | 22×45: 0.94 | 25×35: 0.92 | 30×30: 0.98 | | | 22×50: 1.01 | 25×40: 1.00 | 30×30: 1.00 | |
| 270 | | | 22×50: 1.07 | 25×40: 1.05 | 30×30: 1.03 | | | | 25×45: 1.13 | 30×40: 1.14 | 35×30: 1.10 |
| 330 | | | | 25×45: 1.24 | 30×35: 1.24 | 35×30: 1.18 | | | | 30×45: 1.31 | 35×35: 1.32 |
| 390 | | | | 25×50: 1.38 | 30×40: 1.39 | 35×35: 1.39 | | | | 30×50: 1.48 | 35×40: 1.48 |
| 470 | | | | | 30×45: 1.57 | 35×35: 1.50 | | | | | 35×45: 1.76 |
| 560 | | | | | 30×50: 1.75 | 35×40: 1.69 | | | | | 35×50: 1.95 |
| 680 | | | | | | 35×45: 1.96 | | | | | |

| Cap (μ F) | WV ϕ D | 400 | | | | | 420 | | | | |
|-------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 |
| 56 | | 20×25: 0.40 | | | | | 20×25: 0.40 | | | | |
| 68 | | 20×30: 0.48 | 22×25: 0.49 | | | | 20×30: 0.48 | 22×25: 0.50 | | | |
| 82 | | 20×30: 0.54 | 22×30: 0.56 | | | | 20×35: 0.53 | 22×30: 0.56 | 25×25: 0.56 | | |
| 100 | | 20×35: 0.60 | 22×30: 0.62 | 25×25: 0.61 | | | 20×35: 0.58 | 22×30: 0.63 | 25×25: 0.63 | | |
| 120 | | 20×40: 0.71 | 22×35: 0.73 | 25×30: 0.73 | | | 20×45: 0.71 | 22×35: 0.73 | 25×30: 0.72 | 30×25: 0.75 | |
| 150 | | | 22×40: 0.85 | 25×35: 0.85 | 30×25: 0.79 | | | 22×45: 0.86 | 25×35: 0.83 | 30×25: 0.83 | |
| 180 | | | 22×45: 0.95 | 25×35: 0.92 | 30×30: 0.95 | | | 22×50: 1.02 | 25×40: 0.94 | 30×30: 0.95 | 35×25: 0.90 |
| 220 | | | 22×50: 1.08 | 25×40: 1.05 | 30×35: 1.24 | | | | 25×45: 1.13 | 30×35: 1.09 | 35×30: 1.05 |
| 270 | | | | 25×50: 1.29 | 30×40: 1.30 | 35×30: 1.18 | | | 25×50: 1.37 | 30×40: 1.25 | 35×35: 1.25 |
| 330 | | | | | 30×45: 1.47 | 35×35: 1.41 | | | | 30×45: 1.49 | 35×35: 1.42 |
| 390 | | | | | 30×50: 1.64 | 35×40: 1.59 | | | | 30×50: 1.67 | 35×40: 1.61 |
| 470 | | | | | | 35×45: 1.87 | | | | | 35×45: 1.86 |
| 560 | | | | | | 35×50: 2.09 | | | | | |

| Cap (μ F) | WV ϕ D | 450 | | | | |
|-------------------|----------------|-------------|-------------|-------------|-------------|-------------|
| | | ϕ 20 | ϕ 22 | ϕ 25 | ϕ 30 | ϕ 35 |
| 47 | | 20×25: 0.36 | | | | |
| 56 | | 20×30: 0.41 | 22×25: 0.42 | | | |
| 68 | | 20×35: 0.47 | 22×30: 0.50 | 25×25: 0.50 | | |
| 82 | | 20×40: 0.53 | 22×35: 0.56 | 25×30: 0.57 | | |
| 100 | | | 22×40: 0.64 | 25×30: 0.63 | 30×25: 0.67 | |
| 120 | | | 22×45: 0.72 | 25×35: 0.71 | 30×30: 0.77 | |
| 150 | | | 22×50: 0.80 | 25×40: 0.82 | 30×30: 0.85 | |
| 180 | | | | 25×45: 0.93 | 30×35: 0.97 | |
| 220 | | | | 25×50: 1.05 | 30×40: 1.10 | 35×30: 1.01 |
| 270 | | | | | 30×45: 1.25 | 35×35: 1.26 |
| 330 | | | | | 30×50: 1.42 | 35×40: 1.44 |
| 390 | | | | | | 35×45: 1.61 |
| 470 | | | | | | 35×50: 1.80 |

↑ Ripple Current A r.m.s./120Hz·105℃
 Case Size ϕ D^{±1}×L^{±2}(mm)